

## CNC – Assignment 1

Submission date: 08 September 2025

**Instructions:** Submit the neat and clean assignment within prescribed time. Preferable A4 size white page.

Q.1. What do you mean by NC? What are the basic component of NC machines? Explain in **brief**.

Write its advantage and disadvantages.

Q.2. Explain the EIA coding system with neat sketch.

Q.3. Explain the difference between NC machine and conventional machine.

Q.4. What do you mean by CNC? What are the basic component of CNC machines? Explain in **brief**.

Write its advantage and disadvantages

Q.5. Explain the difference between NC machine and CNC machine.

Q.6. What is adaptive control? Explain the two different type of adaptive control. Also write its advantage.

Q.7. Explain the purpose of PLC (program logic control).